

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Attorney Docket Number	6616-71314-07
	Application Number	10/539,215
	Filing Date	January 17, 2006
	First Named Inventor	Lightner
	Art Unit	1638
	Examiner Name	Elizabeth F. McElwain

U.S. PATENT DOCUMENTS

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Examiner's Initials*	Cite No. (optional)	Number	Publication Date	Name of Applicant or Patentee
		5,639,790	June 17, 1997	VOELKER and DAVIES
		5,704,160	January 6, 1998	BERGQUIST <i>et al.</i>
		6,229,033	May 8, 2001	KNOWLTON, Susan
		6,248,939	June 19, 2001	LETO and ULRICH
		2002/0078475	June 20, 2002	LI <i>et al.</i>
		2002/0160378	October 21, 2002	HARPER <i>et al.</i>

FOREIGN PATENT DOCUMENTS

Examiner's Initials*	Cite No. (optional)	Country	Number	Publication Date	Name of Applicant or Patentee
		PCT/WIPO	WO01/083697	November 8, 2001	EXELIXIS PLANT SCIENCES, INC.

OTHER DOCUMENTS

	ANOOP <i>et al.</i> , "Modulation of citrate metabolism alters aluminum tolerance in yeast and transgenic canola overexpressing a mitochondrial citrate synthase," <i>Plant Physiol.</i> , 132:2205-2217, 2003.
	BEISSON <i>et al.</i> , "Arabidopsis genes involved in acyl lipid metabolism. A 2003 census of the candidates, a study of the distribution of expressed sequence tags in organs, and a web-based database," <i>Plant Physiol.</i> , 132:681-697, 2003.
	BERT <i>et al.</i> , "Comparative genetic analysis of quantitative traits in sunflower (<i>Helianthus annuus L.</i>). 2. Characterisation of QTL involved in developmental and agronomic traits," <i>Theor. Appl. Genet.</i> , 107:181-189, 2003.
	COLBERT <i>et al.</i> , "High-throughput screening for induced point mutations," <i>Plant Physiol.</i> , 126(2):480-484, 2001.

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		DEHESH <i>et al.</i> , "Overexpression of 3-ketoacyl-acyl-carrier protein synthase IIIs in plants reduces the rate of lipid synthesis," <i>Plant Physiol.</i> , 125:1103-1114, 2001.	
		ECCLESTON and OHLROGGE, "Expressions of lauroyl-acyl carrier protein thioesterase in <i>brassica napus</i> seeds induces pathways for both fatty acid oxidation and biosynthesis and implies a set point for triacylglycerol accumulation," <i>Plant Cell</i> . 10:613-621, 1998.	
		FATLAND <i>et al.</i> , "Molecular biology of cytosolic acetyl-CoA generation," <i>Biochem. Soc. Trans.</i> , 28(6):593-595, 2000.	
		FATLAND <i>et al.</i> , "Reverse genetic characterization of cytosolic acetyl-CoA generation by ATP-citrate lyase in <i>Arabidopsis</i> ," <i>Plant Cell</i> , 17:182-203, 2005.	
		FELDMANN <i>et al.</i> , "A Dwarf Mutant of <i>Arabidopsis</i> Generated by T-DNA Insertion Mutagenesis," <i>Science</i> , 243(4896):1351-1354, 1989.	
		FOCKS and BENNING, "wrinkled1: A novel, low-seed-oil mutant of <i>Arabidopsis</i> with a deficiency in the seed-specific regulation of carbohydrate metabolism," <i>Plant Physiol.</i> , 118:91-101, 1998.	
		GIRKE <i>et al.</i> , "Microarray analysis of developing <i>Arabidopsis</i> seeds," <i>Plant Physiol.</i> , 124:1570-1581, 2000.	
		JAKO <i>et al.</i> , "Seed-specific over-expression of an <i>Arabidopsis</i> cDNA encoding a diacylglycerol acyltransferase enhances seed oil content and seed weight," <i>Plant Physiol.</i> , 126(2):861-874, 2001.	
		JAMES and DOONER, "Isolation of EMS-induced mutants in <i>Arabidopsis</i> altered in seed fatty acid composition," <i>Theor. Appl. Genet.</i> , 80(2):241-245, 1990.	
		KATAVIC <i>et al.</i> , "Alteration of seed fatty acid composition by an ethyl methanesulfonate-induced mutation in <i>Arabidopsis thaliana</i> affecting diacylglycerol acyltransferase activity," <i>Plant Physiol.</i> , 108:399-409, 1995.	
		KATAVIC <i>et al.</i> , "Utility of the <i>Arabidopsis FAE1</i> and yeast <i>SLC1-I</i> genes for improvements in erucic acid and oil content in rapeseed," <i>Biochem Soc. Trans.</i> , 28(6):935-937, 2000.	
		LARSON <i>et al.</i> , "Acyl CoA profiles of transgenic plants that accumulate medium-chain fatty acids indicate inefficient storage lipid synthesis in developing oilseeds," <i>Plant J.</i> , 32:519-527, 2002.	
		LEMIEUX <i>et al.</i> , "Mutants of <i>Arabidopsis</i> with alterations in seed lipid fatty acid composition," <i>Theor. Appl. Genet.</i> , 80(2):234-240, 1990.	

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		LIN <i>et al.</i> , "The Pex16p homolog SSE1 and storage organelle formation in <i>Arabidopsis</i> seeds," <i>Science</i> , 284:328-330, 1999.
		LIONNETON <i>et al.</i> , "Development of an AFLP-based linkage map and localization of QTLs for seed fatty acid content in condiment mustard (<i>Brassica juncea</i>)," <i>Genome</i> , 45(6):1203-1215, 2002.
		LIU and BUTOW, "A transcriptional switch in the expression of yeast tricarboxylic acid cycle genes in response to a reduction or loss of respiratory function," <i>Mol. Cell. Biol.</i> , 19:6720-6728, 1999.
		MCCALLUM <i>et al.</i> , "Targeted screening for induced mutations," <i>Nat. Biotechnol.</i> , 18(4):455-457, 2000.
		MEKHIEVOD <i>et al.</i> , "Toward a functional catalog of the plant genome. A survey of genes for lipid biosynthesis," <i>Plant Physiol.</i> , 122:389-401, 2000.
		MOIRE <i>et al.</i> , "Impact of unusual fatty acid synthesis on futile cycling through β -oxidation and on gene expression in transgenic plants," <i>Plant Physiol.</i> , 134:432-442, 2004.
		NEUHAUS and EMES, "Nonphotosynthetic Metabolism In Plastids," <i>Annu. Rev. Plant Physiol. Plant Mol. Biol.</i> , 51:111-140, 2000.
		O'HARA <i>et al.</i> , "Fatty acid and lipid biosynthetic genes are expressed at constant molar ratios but different absolute levels during embryogenesis," <i>Plant Physiol.</i> , 129:310-320, 2002.
		OKULEY <i>et al.</i> , "Arabidopsis FAD2 Gene Encodes the Enzyme That Is Essential for Polyunsaturated Lipid Synthesis," <i>Plant Cell</i> , 6:147-158, 1994.
		PRITCHARD <i>et al.</i> , "Germination and storage reserve mobilization are regulated independently in <i>Arabidopsis</i> ," <i>Plant J.</i> , 31(5):639-647, 2002.
		RANGASAMY and RATLEDGE, "Compartmentation of ATP:Citrate lyase in plants," <i>Plant Physiol.</i> , 122:1225-1230, 2000.
		RANGASAMY and RATLEDGE, "Genetic enhancement of fatty acid synthesis by targeting rat liver ATP:citrate lyase into plastids of tobacco," <i>Plant Physiol.</i> , 122:1231-1238, 2000.
		RATLEDGE <i>et al.</i> , "Correlation of ATP/citrate lyase activity with lipid accumulation in developing seeds of <i>Brassica napus</i> L.," <i>Lipids</i> , 32(1):7-12, 1997.
		RAWSTHORNE, S., "Carbon flux and fatty acid synthesis in plants," <i>Prog Lipid Res.</i> , 41:182-196, 2002.

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		RUUSKA <i>et al.</i> , "Contrapuntal networks of gene expression during <i>Arabidopsis</i> seed filling," <i>Plant Cell</i> , 14:1191-1206, 2002.
		RYLOTT <i>et al.</i> , "Co-ordinate regulation of genes involved in storage lipid mobilization in <i>Arabidopsis thaliana</i> ," <i>Biochem Soc. Trans.</i> , 29:283-287, 2001.
		SCHNARRENBERGER and MARTIN, "Evolution of the enzymes of the citric acid cycle and the glyoxylate cycle of higher plants, A case study of endosymbiotic gene transfer," <i>Eur. J. Biochem.</i> , 269:868-883, 2002.
		SCHNURR <i>et al.</i> , "Characterization of an acyl-CoA synthetase from <i>Arabidopsis thaliana</i> ," <i>Biochem Soc. Trans.</i> , 28(6):957-958, 2000.
		SHOCKEY <i>et al.</i> , "Characterization of the AMP-binding protein gene family in <i>Arabidopsis thaliana</i> ; will the real acyl-CoA synthetases please stand up?" <i>Biochem Soc. Trans.</i> , 28(6):955-957, 2000.
		THELEN <i>et al.</i> , "Biotin carboxyl carrier protein isoforms in Brassicaceae oilseeds," <i>Biochem. Soc. Trans.</i> , 28(6):595-598, 2000.
		WADA <i>et al.</i> , "Role of a positive regulator of root hair development, CAPRICE, in <i>Arabidopsis</i> root epidermal cell differentiation," <i>Development</i> , 129(23):5409-5419, 2002.
		WHITE <i>et al.</i> , "A new set of <i>Arabidopsis</i> expressed sequence tags from developing seeds. The metabolic pathway from carbohydrates to seed oil," <i>Plant Physiol.</i> , 124:1582-1594, 2000.
		YADAV <i>et al.</i> , "Cloning of higher plant omega-3 fatty acid desaturases," <i>Plant Physiol.</i> , 103(2):467-476, 1993.

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